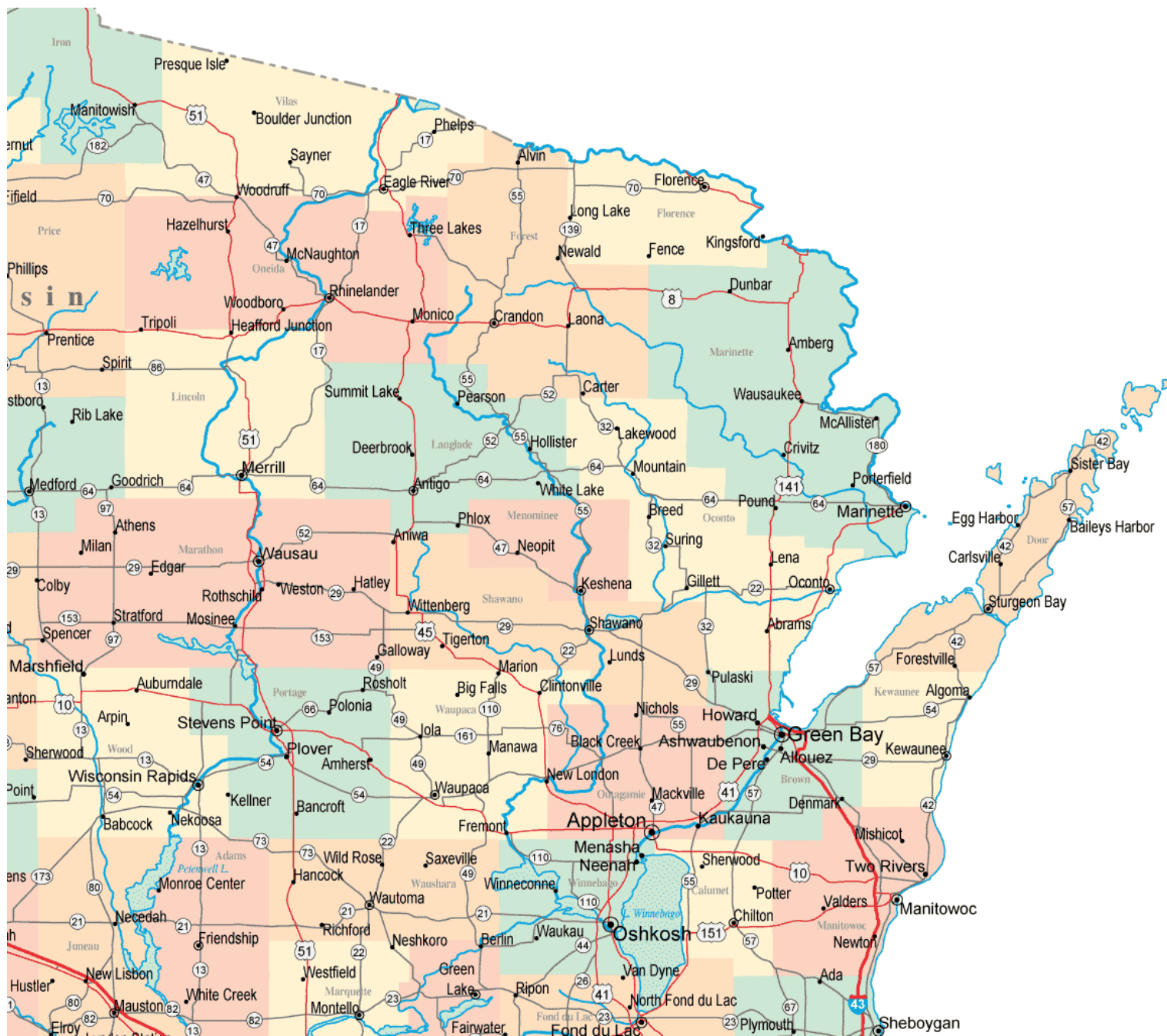


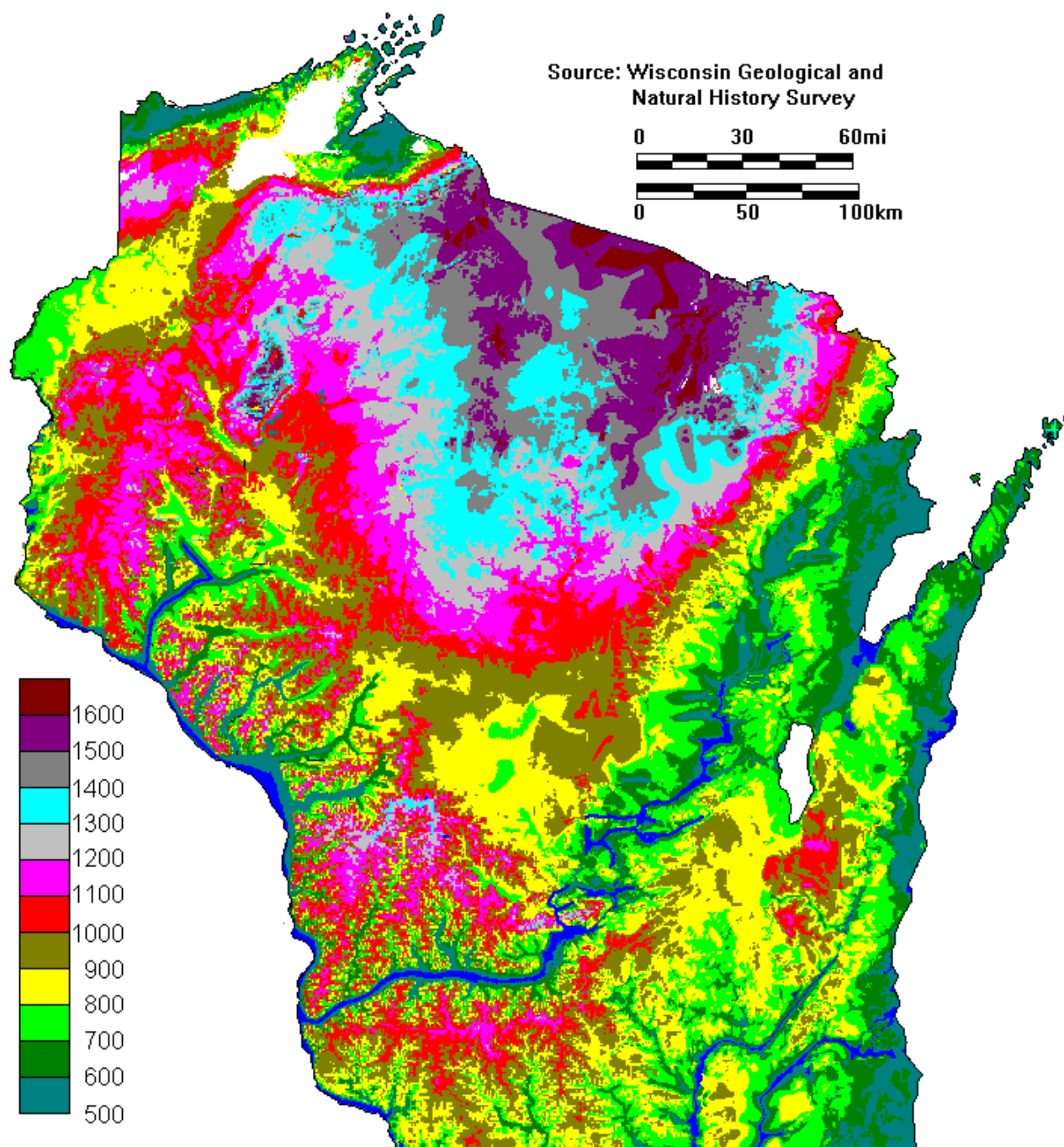
F/EF-1 TORNADO GUIDE (1950-2015)

FOR NORTH CENTRAL AND NORTHEAST WISCONSIN



F/EF-1 TORNADO GUIDE (1950-2015)

FOR NORTH CENTRAL AND NORTHEAST WISCONSIN



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FOR NORTH CENTRAL AND NORTHEAST WISCONSIN

BROWN

MENOMINEE

CALUMET

OCONTO

DOOR

ONEIDA

FOREST

OUTAGAMIE

FLORENCE

PORTAGE

KEWAUNEE

SHAWANO

LANGLADE

VILAS

LINCOLN

WAUPACA

MANITOWOC

WAUSHARA

MARATHON

WINNEBAGO

MARINETTE

WOOD

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GREEN BAY FORECAST AREA TORNADOES

EVENT	DATE			TIME		TOR IN GRB SERVICE AREA
#	MONTH	DAY	YEAR	(LST)	DIRECTION / LOCATION	COUNTY OR COUNTIES
1	6	20	1953	1800	Three Lakes	Oneida
2	5	3	1955	1800	Irma	Lincoln
3	5	28	1955	1505	3 W Clintonville	Waupaca
4	4	19	1957	1600	Coddington - Bancroft	Portage
5	6	14	1957	1730	Florence	Florence
6	7	11	1957	1345	4 SW Denmark	Brown
7	7	11	1957	1400	Whitelaw	Manitowoc
8	8	30	1958	1526	6 SE Wausaukee	Marinette
9	5	4	1959	1030	Wausau	Marathon
10	5	4	1959	1145	Deerbrook	Langlade
11	5	28	1959	1515	6 N to 9 NE Oshkosh	Winnebago
12	5	28	1959	1538	1 SW Greenleaf	Brown
13	6	10	1959	1320	De Pere	Brown
14	4	24	1960	1600	7 SW Valders	Manitowoc
15	5	21	1960	1730	15 W Oshkosh	Winnebago
16	9	3	1961	0100	Athens	Marathon
17	9	3	1961	1700	12 W Merrill	Lincoln
18	6	23	1962	1630-1635	2 W Champion	Brown
19	9	19	1963	1800	Laona	Forest
20	5	4	1964	1800-1810	10 SW St. Germain to near St. Germain	Oneida, Vilas
21	6	9	1964	1455	Belle Plaine	Shawano
22	7	10	1966	2200	Plainfield - Wautoma	Waushara
23	7	1	1967	0045	3 E Kiel	Manitowoc
24	7	2	1967	1400	Brillion	Calumet
25	6	30	1968	0445	3 S Pembine	Marinette
26	8	5	1968	1400	3 NW Seymour	Outagamie
27	6	26	1969	1630	2 W Manitowish Waters - 3 SW Presque Is.	Vilas
28	6	26	1969	1700	Skanawank - Pelican Lake	Lincoln
29	7	2	1969	1620	3 SW Luxemburg - Ellisville	Kewaunee
30	4	22	1970	2110	2 NE Poland - 4 SE Luxemburg	Brown, Kewaunee
31	7	7	1970	1900	Winchester - Boulder Junction - Conover	Vilas
32	7	14	1970	1230	Marion	Waupaca
33	7	14	1970	1400	McAllister	Marinette
34	7	30	1970	1205	4 W Suamico	Brown
35	12	1	1970	0700	Hull	Portage

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GREEN BAY FORECAST AREA TORNADOES

EVENT	DATE			TIME		TOR IN GRB SERVICE AREA
#	MONTH	DAY	YEAR	(LST)	DIRECTION / LOCATION	COUNTY OR COUNTIES
36	5	18	1971	1640-1704	Adams-Friendship - Hancock	Waushara
37	6	6	1971	2315	5 SW Oshkosh	Winnebago
38	6	13	1971	1630	8 NW Oshkosh	Winnebago
39	6	18	1971	1345	5 W Marinette	Marinette
40	7	8	1971	0200	Wisconsin Rapids	Wood
41	8	21	1972	1510	Goodwin - Two Rivers	Manitowoc
42	3	11	1973	1030	2 E Calumetville	Calumet
43	5	9	1973	1550	2 N Reedsville	Manitowoc
44	6	3	1973	1815	2 NE Amberg	Marinette
45	6	18	1973	1100	2 W Athens	Marathon
46	7	12	1973	300	Boulder Junction - Sayner	Vilas
47	7	12	1973	0730	Jacksonport	Door
48	7	12	1973	0800	4 W Freedom	Outagamie
49	6	9	1974	1445	Bancroft	Portage
50	6	14	1974	1610	5 NW Gillett	Oconto
51	6	12	1976	2100	Amherst	Portage
52	6	13	1976	1840-1920	4 W Wisconsin Rapids - 3 NE Stevens Point	Portage
53	6	13	1976	2000-2100	2 W Hogarty - Elton	Langlade, Marathon
54	6	13	1976	2000	5 E Seymour	Outagamie
55	6	13	1976	2015	Oconto Falls	Oconto
56	6	13	1976	2045	9 E Merrill to 11 NW Antigo	Langlade, Lincoln
57	7	30	1977	2245	0.5 N Forest Junction - 3 W Denmark	Brown
58	5	8	1978	1650-1700	1.5 SW - 2.5 SE Luxemburg	Kewaunee
59	6	16	1979	1530-1545	2 N - 2 NE Irma	Lincoln
60	6	20	1979	1345	3 S Oshkosh	Winnebago
61	6	20	1979	1430	Goodman	Marinette
62	8	4	1979	1000	Manitowoc	Manitowoc
63	8	9	1979	1856	Green Bay - northeast	Brown
64	5	30	1980	1430	4 S Shawano	Shawano
65	5	30	1980	1520	Oconto	Oconto
66	5	30	1980	1605-1614	Black Creek	Outagamie
67	6	14	1980	1230	5 NW Manawa - Manawa	Waupaca
68	6	14	1980	1325	1 E Rhinelander - Lake Thompson	Oneida
69	7	5	1980	0030	Valders	Manitowoc
70	9	20	1980	2315	Mattoon	Shawano

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GREEN BAY FORECAST AREA TORNADOES

EVENT	DATE			TIME		TOR IN GRB SERVICE AREA
#	MONTH	DAY	YEAR	(LST)	DIRECTION / LOCATION	COUNTY OR COUNTIES
71	6	13	1981	2040	1 N Hazelhurst	Oneida
72	6	13	1981	2045	Sayner - 3 NE Sayner	Vilas
73	3	30	1982	1405-1440	Armenia - 3 SW Stevens Point	Portage, Wood
74	7	15	1982	1915	Mayflower Lake	Marathon
75	7	3	1983	0439	Eagle River	Vilas
76	7	3	1983	1900	Birnamwood	Shawano
77	7	19	1983	1925	Stockbridge Harbor	Calumet
78	6	26	1984	1655	13 N Wausau - Texas	Marathon
79	6	26	1984	1900	Caroline	Shawano
80	7	24	1986	1415	Saint Germain	Vilas
81	7	2	1987	1710-1715	Pike Lake	Marathon
82	7	12	1987	1127-1130	1 S Francis Creek	Manitowoc
83	8	14	1987	1740-1743	1 W Menasha	Winnebago
84	5	8	1988	1706-1712	2 SE Wautoma - 1 S Mount Morris	Wausara
85	7	29	1988	2030	Eagle River	Vilas
86	8	1	1988	1852	1 W Saint Germain	Vilas
87	8	4	1988	1435-1445	1 E Reedsville - 2 N Cato	Manitowoc
88	5	24	1989	2010-2015	3 S Oshkosh	Winnebago
89	5	24	1989	2105	4 WNW Chilton	Calumet
90	6	12	1990	1835	2 W Stratford	Marathon
91	6	14	1991	1155	8 WNW Merrill	Lincoln
92	4	20	1992	1600-1620	2 SW Arpin - Bakerville	Wood
93	5	16	1992	1430	5 N Junction City	Portage
94	5	16	1992	1830	2.5 NE Northland	Waupaca
95	5	16	1992	1920-1930	Kaukauna - 2 SW Wrightstown	Outagamie, Brown
96	7	19	1992	1554	2 WSW Stratford	Marathon
97	10	8	1992	1648	5 NE Wild Rose	Wausara
98	10	8	1992	1712	4 NE Blaine	Portage
99	4	26	1994	1455-1505	1.5 N Conover - 3 SE Land O'Lakes	Vilas
100	7	8	1994	1400	3 NW Elderon	Marathon
101	7	8	1994	1416	3 SE Aniwa	Shawano
102	8	27	1994	2107	Hancock	Wausara
103	8	27	1994	2141-2150	1.5 S Wausaukee - 3 SE Wausaukee	Marinette
104	7	14	1995	1640-1647	Phelps	Vilas
105	7	18	1996	1620-1630	1.5 SW - 3 SSE Tomahawk	Lincoln

F/EF-1 TORNADO REFERENCE GUIDE (1950-2015)

GREEN BAY FORECAST AREA TORNADOES

EVENT	DATE			TIME		TOR IN GRB SERVICE AREA
#	MONTH	DAY	YEAR	(LST)	DIRECTION / LOCATION	COUNTY OR COUNTIES
106	7	18	1996	1805-1807	1.1 S - 1.6 SE Jericho	Calumet
107	8	7	1996	0146-0147	1 N - 1.2 NE Stratford	Marathon
108	8	7	1996	0219-0221	0.44 SW Shantytown - Shantytown	Marathon
109	7	16	1997	1509-1511	2 NE - 1.8 NE Ringle	Marathon
110	5	31	1998	0120-0124	0.5 N Stockbridge - 2 NE Stockbridge	Calumet
111	5	1	2001	2055-2100	0.4 NNE - NE Minocqua	Oneida
112	4	18	2002	1813-1827	3 SE Stratford - 6 NW Mosinee	Marathon
113	9	2	2002	1735-1743	6 NW Wausau - 4 NE Wausau	Marathon
114	9	30	2002	1810-1811	5.5 SSE - 5.5 SE Spread Eagle	Florence
115	8	3	2003	1359-1403	0.3 W - 0.2 ENE Potter	Calumet
116	6	23	2004	1846-1848	3 NNW Almond - 3 NNE Almond	Portage
117	6	23	2004	1853-1856	3 SE Blaine - 5 ESE Blaine	Portage
118	6	23	2004	2000-2008	Little Chute - Kaukauna	Outagamie
119	7	13	2004	1440-1452	1.4 NW Clark Mills to 2.8 SE Clark Mills	Manitowoc
120	8	18	2005	1945	6 ENE - 6.8 ENE Wrightstown	Brown
121	8	18	2005	2035	6.5 SSW - 5.7 S Manitowoc	Manitowoc
122	6	7	2007	1637-1640	0.5 W -2.5 ENE Cedarville	Marinette
123	6	7	2007	1716-1720	3.5 W Harmony to 1.2 N Harmony	Marinette
124	7	19	2008	2144-2145	3.8 WNW to 3.4 WNW Menasha	Winnebago
125	5	4	2010	1810-1812	2.7 SE Zittau to 2.7 W Winchester	Winnebago
126	8	20	2010	1520-1522	2 SE- 2.7 ESE Greenleaf	Brown
127	4	10	2010	1735-1742	2 NW Coloma – 4 ESE Hancock	Adams, Waushara
128	4	10	2011	1750-1758	5 S Parish	Langlade
129	4	10	2011	1806-1843	1 SW Saxeville – 1 SE Hortonville	Waushara, Waupaca, Outagamie
130	4	10	2011	1853-1904	0.3 NW Poy Sippi – 2.3 WSW Winchester	Waushara, Winnebago
131	4	10	2011	1903-1908	4.2 WNW – 3.2 N Armstrong Creek	Forest
132	4	10	2011	1953-1955	1.2 NNE Askeaton – 1.4 S Greenleaf	Brown
133	4	10	2011	1959-2001	1.6 NW Quinney – 1.5 SSE Stockbridge	Calumet
134	5	22	2011	1703-1720	5.5 SSE Cranmoor – 4.8 SE Arnott	Wood, Portage
135	8	19	2011	1545-1556	2.9 NW – 5.2 ESE Wausaukee	Marinette
136	8	6	2013	2322-2333	4 NNE Partridge - 0.8 WSW Hortonville	Waupaca, Outagamie
137	8	6	2013	2338-2353	0.4 SE Mackville - 2.7 W Morrison	Outagamie, Brown
138	8	6	2013	2338-2352	3.5 E Greenville - 2.6 NNE Brillion	Outagamie, Brown, Calumet
139	8	6	2013	2340-0010	2.7 ENE Mackville – 1.1 NNE Larrabee	Outagamie, Brown, Manitowoc
140	8	7	2013	0005-0010	0.5 SSE Henrysville – 1 NE Stangelville	Brown, Calumet, Kewaunee

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GREEN BAY FORECAST AREA TORNADOES

EVENT	DATE			TIME		TOR IN GRB SERVICE AREA
#	MONTH	DAY	YEAR	(LST)	DIRECTION / LOCATION	COUNTY OR COUNTIES
141	7	6	2015	1538-1540	3.4 W Marion – 2.7 W Marion	Waupaca

F/EF-1 TORNADO REFERENCE GUIDE)

GREEN BAY FORECAST AREA TORNADOES

Event 1: June 20, 1953

A brief F/EF-1 tornado touched down in Three Lakes in Oneida County around 6 pm CST. The tornado was 100 yards wide and travelled two miles before dissipating. Trees and power lines were downed along with some damage to summer homes.

Event 2: May 3, 1955

The F/EF-1 tornado touched down in Irma, approximately 9 miles north of Merrill, in Lincoln County around 6 p m CST. The tornado travelled 7 miles and had a maximum width less than 50 yards. Lincoln County Sheriff Alfred Giese stated in the Rhinelander Daily News that a tornado ripped through several farms and wooded lot country about 9 miles north of Merrill. Giese stated that three barns were blown down and that communications between Merrill and the State Traffic Patrol Headquarters in Tomahawk was disrupted for a while. Two people were trapped in the wreckage and were freed by sheriff officers and highway crews. No homes were damaged.

Event 3: May 28, 1955

The F/EF-1 tornado touched down 3 miles west of Clintonville in Waupaca County around 3:05 pm CST. The tornado travelled 2.7 miles and reached a maximum width of 75 yards before dissipating. The tornado ripped through a farm injuring two persons, and knocking down trees and utility poles. Robert Malaueg, 13, and Leroy Ashauer, 23, were hurt and taken to Clintonville Community Hospital.

Event 4: April 19, 1957

The F/EF-1 tornado touched down in Coddington, 12 miles southwest of Bancroft, in Portage County around 4 pm CST. The tornado travelled about 12 miles and reached a maximum width of less than 50 yards before dissipating in Bancroft.

Event 5: June 14, 1957

The F/EF-1 tornado touched down at Florence in Florence County around 5:30 pm CST. The tornado travelled approximately 8 miles and reached a maximum width of 100 yards before dissipating.

Event 6: July 11, 1957

The F/EF-1 tornado touched down 4 miles southwest of Denmark in Brown County around 1:45 pm CST. There was no documentation on the path width or distance travelled. A tornado also touched down in Manitowoc County fifteen minutes later.

Event 7: July 11, 1957

The F/EF-1 tornado was first reported to touch down two and a half miles southeast of White Law in Manitowoc County around 2 pm CST. The tornado struck the Bernard Vogel farm, picking up 9 trees thirty feet high and pounded them into the ground. The tornado also broke windows and gouged the side of the house. A female neighbor of Bernard Vogel, who was seeking shelter, was pinned up to the wall of a silo as she was running towards the house.

Event 8: August 30, 1958

The F/EF-1 tornado was reported 6 miles southeast of Wausaukee in Marinette County around 3:26 pm CST. The tornado was 100 yards wide and travelled a mile before dissipating.

F/EF-1 TORNADO REFERENCE GUIDE)

GREEN BAY FORECAST AREA TORNADOES

Event 9: May 4, 1959

The F/EF-1 tornado was reported to touch down near Wausau in Marathon County around 10:30 am CST. The tornado was 200 yards wide and travelled a mile before dissipating near Wausau.

Event 10: May 4, 1959

The F/EF-1 tornado struck Deerbrook in Langlade County around 11:45 am CST. The tornado was 100 yards wide and was on the ground for a mile.

Event 11: May 28, 1959

The F/EF-1 tornado struck 6 miles north of Oshkosh in Winnebago County around 3:15 pm CST. The tornado travelled nine miles before dissipating 9 miles northeast of Oshkosh.

Event 12: May 28, 1959

The F/EF-1 tornado was spotted one mile southwest of Greenleaf in Brown County around 3:38 pm CST.

Event 13: June 10, 1959

The F/EF-1 tornado touched down near De Pere in Brown County around 1:20 pm CST. The tornado travelled about a mile and was less than twenty yards wide.

Event 14: April 24, 1960

The F/EF-1 tornado touched down 7 miles southwest of Valders in Manitowoc County around 4 pm CST. The tornado was less than 50 yards wide and travelled about a mile before dissipating.

Event 15: May 21, 1960

The F/EF-1 tornado touched down fifteen miles west of Oshkosh in Winnebago County around 5:30 pm CST.

Event 16: September 3, 1961

The F/EF-1 tornado touched down near Athens in Marathon County around 1 am CST. The tornado was 35 yards wide and was on the ground for 2 miles.

Event 17: September 3, 1961

The F/EF-1 tornado touched down 12 miles west of Merrill in Lincoln County around 5 pm CST. The tornado was 50 yards wide and was on the ground for a mile.

Event 18: June 23, 1962

The F/EF-1 tornado touched down 2 miles west of Champion in eastern Brown County around 4:30 pm CST. According to the local storm report for June of 1962, the tornado became or originated as a waterspout near Point Sauble as the storm was picking up water at times. The tornado/waterspout had a maximum width of less than 50 yards and travelled 3 miles before dissipating at 4:35 pm CST.

Event 19: September 19, 1963

The F/EF-1 tornado tore through the village of Laona in Forest County around 6 pm CST. The tornado was less than 50 yards wide and travelled one mile before dissipating.

F/EF-1 TORNADO REFERENCE GUIDE)

GREEN BAY FORECAST AREA TORNADOES

Event 20: May 4, 1964

The F/EF-1 tornado was first reported 10 miles southwest of St. Germain in Oneida County around 6 pm CST. The tornado travelled just over 7 miles before dissipating near St. Germain at 6:10 pm CST in Vilas County. The tornado had a maximum width of 125 yards. The local storm report indicated the tornado touched down twice and crossed over the Big St. Germain drawing water to a height of 200 feet. There was considerable damage to resorts and woods in the path of the tornado.

Event 21: June 9, 1964

The F/EF-1 tornado was sighted in Belle Plaine in Shawano County around 2:55 pm CST. The Adams Beach area was hit the hardest according to newspaper reports.

Event 22: July 10, 1966

The F/EF-1 tornado was first reported to touch down in Plainfield in Waushara County around 10 pm CST. The tornado was 100 yards wide and travelled approximately fifteen and a half miles before dissipating at Wautoma.

Event 23: July 1, 1967

The F/EF-1 tornado struck 3 miles east of Kiel in Manitowoc County around 12:45 am CST. The tornado was 50 yards wide and travelled a half mile before dissipating.

Event 24: July 2, 1967

The city of Brillion in Calumet County was struck by an F/EF-1 tornado around 2 pm CST. The local storm report indicated a touchdown in the city of Brillion. The tornado was 35 yards wide and travelled a mile before dissipating.

Event 25: June 30, 1968

The F/EF-1 tornado touched down on the Zern property 3 miles south of Pembine in Marinette County around 4:45 am CST. The tornado was 100 yards wide and travelled on the ground for a half mile. Trees and a garage were destroyed by the tornado.

Event 26: August 5, 1968

The F/EF-1 tornado touched down 3 miles northwest of Seymour in Outagamie County around 2 pm CST. The tornado was 150 yards wide and was on the ground for two miles before dissipating. Nine barns and farm buildings were destroyed.

Event 27: June 26, 1969

According to the local storm report, the F/EF-1 tornado skipped northeast through the forests of Price, southeast Iron and western Vilas Counties. The tornado struck Vilas County from 2 miles west of Manitowish Waters around 4:30 pm CST and moved to three miles southwest of Presque Isle. Most of the damage occurred around Manitowish Waters.

Event 28: June 26, 1969

The F/EF-1 tornado travelled 22 miles across Clark, Taylor and Lincoln Counties. The tornado did major damage from the Withee area in northern Clark County around 4:10 pm CST. Two persons were injured and about ten farms sustained damage. Major damage from the tornado was reported at the Taylor County Airport near Medford around 4:30 pm CST. Seven planes and one hangar suffered severe damage. The tornado entered western Lincoln County and travelled to near Pelican Lake around 5 pm CST before dissipating. Five more farms suffered serious damage in northeast Lincoln County. Tree and wire damage termed “worst ever” by utilities in the northern resort areas.

F/EF-1 TORNADO REFERENCE GUIDE)

GREEN BAY FORECAST AREA TORNADOES

Event 29: July 2, 1969

The F/EF-1 tornado traveled just over 7 miles across Kewaunee County, from 3 miles southwest of Luxemburg through the Ellisville area around 4:20 pm CST. The tornado had a maximum width of 100 yards. Several farms were damaged by the tornado.

Event 30: April 22, 1970

The F/EF-1 tornado developed 2 miles northeast of Poland in extreme eastern Brown County around 9:10 pm CST. The tornado was 500 yards wide and travelled just over 7 miles to near Luxemburg before dissipating. Several farms were damaged and leveled the Kewaunee County Fair Grandstand at Luxemburg.

Event 31: July 7, 1970

The F/EF-1 tornado developed across Iron County in northwest Wisconsin. The tornado traveled east southeastward for nearly 38 miles across Vilas County around 7 pm CST. The tornado travelled from Winchester to Boulder Junction to Conover. Extensive damage to woods and lake property were noted in the path of the tornado.

Event 32: July 14, 1970

The F/EF-1 tornado briefly touched down in Marion in Waupaca County around 12:30 pm CST. The tornado was less than 50 yards wide and travelled approximately a half mile. The tornado ripped a door off a factory, flipping over a car and damaging trucks and signs in Marion.

Event 33: July 14, 1970

The F/EF-1 tornado was reported in Mc Allister in Marinette County around 2 pm CST. The tornado was less than 50 yards wide and travelled a mile. The tornado damaged a home and uprooted several trees.

Event 34: July 30, 1970

A brief tornado touchdown (F/EF-1) occurred 4 miles west of Suamico in Brown County. The tornado was 33 yards wide and travelled a mile before dissipating. According to the local storm report, the tornado struck in open country.

Event 35: December 1, 1970

A rare tornado event occurred across north central and northeast Wisconsin on this date. In all, there were four tornadoes on this date, including an F/EF-3. What made this event even more unusual was the time of day with all four tornadoes reported between 7 am and 10:45 am in the morning. The F/EF-1 tornado touched down on the Richard Rutta farm in the town of Hall north of Stevens Point in Portage County. The tornado was 200 yards wide and travelled nearly 3 miles before dissipating.

Event 36: May 18, 1971

The F/EF-1 tornado was first sighted northeast of Adams and Friendship in Adams County around 4:40 pm CST. The tornado travelled 15 miles as it moved across Highway 21 and then to Hancock in western Waushara County before dissipating around 5:04 pm CST. The tornado reached a maximum width of 100 yards. After crossing Highway 21, the tornado destroyed two house trailers injuring five people and smashed a barn. In Hancock, a large metal warehouse was severely damaged with sheet metal scattered a half mile downwind.

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GREEN BAY FORECAST AREA TORNADOES

Event 37: June 6, 1971

The F/EF-1 tornado was reported 5 miles southwest of Oshkosh in Winnebago County around 11:15 pm CST. The tornado was 50 yards wide and travelled nearly 4 miles before it dissipated. The tornado demolished one barn and damaged several others on highway 26 about five miles southwest of Oshkosh.

Event 38: June 13, 1971

The public reported the tornado 8 miles northwest of Oshkosh in Winnebago County around 4:30 pm CST. The F/EF-1 tornado was 50 yards wide and only travelled a quarter of a mile. Many trees were down in small grove eight miles northwest of Oshkosh.

Event 39: June 18, 1971

The F/EF-1 tornado struck about 5 miles west of Marinette in Marinette County, near Highway 64 and Right O Way Road around 1:45 pm CST. The tornado was 100 yards wide and travelled just over four miles before it dissipated. Many trees were uprooted and several resort and farm buildings were damaged.

Event 40: July 8, 1971

The F/EF-1 tornado moved through open country just north of Wisconsin Rapids in Wood County around 2 am CST. The tornado was 75 yards wide and travelled about two miles before it dissipated. One house trailer moved off its foundation while there was damage to trees in the area.

Event 41: August 21, 1972

The F/EF-1 tornado touched down near Goodwin in Manitowoc County around 3:10 pm CST. The tornado was 50 yards wide and travelled approximately 12 miles to Two Rivers. The tornado struck the Van Koeving residence, uprooting five large trees in the yard. Tree and wire damage occurred along Highway 147 one mile south of Mishicot and near Highway 42 and near Shambeau Road near Two Rivers. The tornado moved eastward out over Lake Michigan.

Event 42: March 11, 1973

An early season F/EF-1 struck Calumet County, 2 miles east of Calumetville around 10:30 am CST. The tornado was 50 yards wide and travelled two miles before dissipating.

Event 43: May 9, 1973

The F/EF-1 was reported 2 miles north of Reedsville in Manitowoc County around 3:50 pm CST. The tornado was 50 yards wide and travelled about two miles before dissipating. Several outbuildings were destroyed on the John Zimmerman farm on Highway 32. Damage was also reported on the Sullivan and Fenlon farms.

Event 44: June 3, 1973

The F/EF-1 tornado first touched down just north of Amberg in Marinette County around 6:15 pm CST. The tornado was 100 yards wide and moved four and a half miles across Marinette County before dissipating. The tornado upended several house trailers and destroyed several wooden structures at the Sparkling Springs Campground just north of Amberg. Several acres of trees were leveled at the campsite and northeastward to Assembly of God Church in Beecher Township.

F/EF-1 TORNADO REFERENCE GUIDE)

GREEN BAY FORECAST AREA TORNADOES

Event 45: June 18, 1973

The F/EF-1 tornado touched down on the Brunke Farm 2 miles west of Athens in Marathon County around 11 am CST. The tornado was 200 yards wide and travelled east for two miles before dissipating.

Event 46: July 12, 1973

The F/EF-1 tornado was struck touchdown just south of Boulder Junction in Vilas County around 3 am CST. The tornado was 100 yards wide and travelled 19.5 miles before dissipating near Sayner in Vilas County. Scattered damage to the woods was reported along the path of the tornado

Event 47: July 12, 1973

The F/EF-1 tornado touched down in Jacksonport in Door County around 7:30 am CST. The tornado was 100 yards wide and travelled 3 miles. Scattered damage was reported west and south of Jacksonport. As many as six waterspouts were reported by one observer off Jacksonport. A seiche caused a drop of two feet in water level locally about fifteen minutes after passage of the storms.

Event 48: July 12, 1973

The F/EF-1 tornado developed 4 miles west of Freedom in Outagamie County around 8 am CST. The tornado was 100 yards wide and travelled one mile. Farm buildings were destroyed on the Ken Geiger farm 4 miles west of Freedom.

Event 49: June 9, 1974

The tornado formed in Adams County and then the F/EF-1 tornado moved into southwest Portage County where it touched down briefly on the Sawyer Farm Route 1, Bancroft around 2:45 pm CST. The tornado was 30 yards wide and travelled two and a half miles. The tornado damaged a barn, a chicken coop and a porch on house. Only minor tree damage was noted.

Event 50: June 14, 1974

On the afternoon of June 14th, the F/EF-1 tornado touched down 5 miles northwest of Gillett in Oconto County around 4:10 pm CST. The tornado was 30 yards wide and travelled only a quarter of a mile. The tornado downed trees and power lines and threw a chopper wagon thirty yards.

Event 51: June 12, 1976

The F/EF-1 tornado touched down near Amherst in Portage County around 9 pm CST. The tornado was 50 yards wide and travelled around a quarter of a mile. The Amherst High School roof was ripped off.

Event 52: June 13, 1976

The F/EF-1 tornado formed 4 miles west of Wisconsin Rapids in Wood County around 6:40 pm CST. The tornado continued to move east northeast to three miles northeast of Stevens Point near the intersection of Highway 51 and Business 51 before dissipating around 7:20 pm CST three miles northeast of Stevens Point. The tornado traveled nineteen miles and reached a maximum width of 100 yards. Many trees were flattened. In Stevens Point, scattered damage was reported just north of the city and a roof was blown off an apartment complex. Several other buildings also suffered damage. Two people in the apartment complex were injured from fallen debris.

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Event 53: June 13, 1976

The F/EF-1 tornado hit first about two miles west of Hogarty in Marathon County around 8 pm CST. The tornado skipped along and moved east northeast into extreme southwest Langlade County near Elmhurst and then continued to near Elton before dissipating at 8:10 pm. The tornado was 50 yards wide and travelled 21.3 miles. Some sheds were destroyed while windows of some buildings were damaged. Tree limbs and power lines were downed by the tornado.

Event 54: June 13, 1976

The tornado (F/EF-1) developed near county highway H and Highway 54 about five miles east of Seymour in Outagamie County around 8 pm CST. The tornado was 50 yards wide and travelled a half mile. Three barns were destroyed.

Event 55: June 13, 1976

The F/EF-1 tornado developed just west of Oconto Falls in Oconto County around 8:15 pm CST. The tornado was 50 yards wide and travelled less than a quarter of a mile. The damage from the tornado included: a barn was destroyed, a farm house was damaged, trees and power lines were down and a good portion of an orchard was destroyed.

Event 56: June 13, 1976

The F/EF-1 tornado first reached the ground near Highway 64 in extreme southeast Lincoln County around 8:45 pm CST. The tornado then moved into western Langlade County about 3 miles north of Highway 64. The tornado skipped along to near county Highway I about 11 miles northwest of Antigo where it was last reported. The tornado was 50 yards wide and travelled nearly eleven miles. The only report of damage was some downed trees.

Event 57: July 30, 1977

The F/EF-1 tornado initially developed a half mile west of Forest Junction in Brown County around 10:45 pm CST, destroying a rural farm including a large barn, milk house and several small sheds. The tornado was 100 yards and travelled twelve miles before dissipating in Denmark. In Denmark, a roof of an apartment building was blown off, a couple of garages were destroyed and some farm machinery was toppled.

Event 58: May 8, 1978

The F/EF-1 tornado developed a mile and a half southwest of Luxemburg in Kewaunee County around 4:50 pm CST, and then moved to two and a half miles southeast of Luxemburg before dissipating around 5 pm CST. Two buildings were destroyed a mile and a half west of Luxemburg on Highway 54. A large pole building was destroyed two and a half miles southeast of Luxemburg.

Event 59: June 16, 1979

The F/EF-1 tornado developed 2 miles north of Irma in Lincoln County around 3:30 pm CST. The tornado moved to 2 miles northeast of Irma before dissipating at 3:45 pm CST.

Event 60: June 20, 1979

The F/EF-1 tornado touched down 3 miles south of Oshkosh in Winnebago County around 1:45 pm CST. The tornado on this date followed almost the same path as another more destructive twister that hit the city in April 1974. The tornado destroyed two mobile homes and severely damaged five others. Four people were hospitalized due to the injuries they suffered from the tornado.

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Event 61: June 20, 1979

Goodman in Marinette County was hit by the F/EF-1 tornado around 2:30 pm CST. The tornado tore the roof off Louisiana Pacific Corps Seaway Division. Clarence Richards, personnel manager said 100 to 125 people were working inside the building when the tornado struck. Company officials said some of the workers were trapped when the roof collapsed. Only one injury was reported. There was no documentation on path length or width of the tornado.

Event 62: August 4, 1979

The tornado (F/EF-1) struck near Manitowoc in Manitowoc County around 10 am CST. Several buildings on a farm were destroyed. There was no documentation on path length or width of the tornado.

Event 63: August 9, 1979

The northeast side of Green Bay in Brown County was struck by the F/EF-1 tornado around 6:56 pm CST. There was no documentation on path length or width of the tornado.

Event 64: May 30, 1980

The F/EF-1 tornado touched down at Highway 187 four miles south of Shawano in Shawano County around 2:30 pm CST. The tornado was 50 yards wide and travelled 2 miles before dissipating. A house trailer was destroyed and scattered debris two miles to the northeast.

Event 65: May 30, 1980

The F/EF-1 tornado touched down at Highway 22 and Highway J near Oconto in Oconto County around 3:20 pm CST. The tornado was 50 yards wide and travelled one mile. Several buildings and cars were damaged as well as twisting off several trees.

Event 66: May 30, 1980

The F/EF-1 tornado touched down about 2 miles outside of Black Creek in Outagamie County around 4:05 pm CST. The tornado travelled east around 4 miles before dissipating around 4:14 pm CST two miles east of Black Creek. An intermittent four mile path 50 yards wide resulted in damage to several garages in Black Creek.

Event 67: June 14, 1980

The tornado (F/EF-1) developed about 5 miles northwest of Manawa at Highway 161 near County Highway E in Waupaca County around 12:30 pm CST. The tornado crossed Highway 161 and then turned eastward and dissipated near Manawa. The tornado was 50 yards wide and travelled five miles before dissipating. Several residents in the area took several spectacular photographs of the twister.

Event 68: June 14, 1980

A small tornado (F/EF-1) formed at Highway C one mile east of Rhinelander in Oneida County at 1:25 pm CST. The tornado was 50 yards wide and travelled eastward for a mile and a half before the tornado dissipated over Lake Thompson. A falling tree injured one person seriously and two other injuries were noted in a trailer court. One house and three trailers and several rural buildings suffered damage.

Event 69: July 5, 1980

The F/EF-1 tornado struck the farm of Warren Otto just south of Valders in Manitowoc County around 12:30 am CST. There was no documentation on path length or width of the tornado. The tornado destroyed a barn and machine shed, and farm machinery on the Warren Otto farm. Other farm buildings in the area also sustained minor damage.

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Event 70: September 20, 1980

The Mattoon area of Shawano County was struck by the F/EF-1 tornado around 11:15 pm CST. The tornado was 35 yards wide and travelled a half mile before dissipating. Several buildings were damaged by the tornado.

Event 71: June 13, 1981

The F/EF-1 tornado touched down at the Timber Ridge Country Club on Route 51 one mile north of Hazelhurst in Oneida County around 8:40 pm. There was no documentation on path length or width of the tornado. The tornado destroyed about one thousand trees.

Event 72: June 13, 1981

The F/EF-1 tornado touched down at County Highway N about a half mile north Sayner. The tornado moved east for three miles through the dense forest and cross the intersection of Highway N and Highway G then dissipated. The tornado damaged electric lines, telephone poles and trees. The tornado was fifty yards wide.

Event 73: March 30, 1982

The tornado initially touched down in the township of Armenia in Juneau County where it destroyed a house and 3 nearby mobile homes. Two occupants of the house were injured. The F/EF-1 tornado then moved northeast to just southeast of Nekoosa in Wood County around 2:05 pm CST. The tornado traveled intermittently on a 28 mile path before dissipating 3 miles southwest of Stevens Point in Portage County around 2:40 pm CST.

Event 74: July 15, 1982

The F/EF-1 tornado swept southeast from May Flower Lake into rural areas at the south end of the lake in Marathon County around 7:15 pm CST. The tornado was 50 yards wide and travelled three quarters of a mile. Several trees were downed and one residence was damaged.

Event 75: July 3, 1983

The Eagle River Municipal Airport in Vilas County was hit by the F/EF-1 tornado at 4:39 am CST. The tornado was 20 yards wide and travelled a half mile before dissipating. Two single engine planes were destroyed and thirteen others were damaged. Five eighths inch ropes holding the planes down were shredded. One plane cart wheeled four hundred feet.

Event 76: July 3, 1983

The F/EF-1 tornado touched down in Birnamwood in Shawano County around 7 pm CST. The tornado was 50 yards wide and travelled a half mile.

Event 77: July 19, 1983

The tornado (F/EF-1) touched down at Stockbridge Harbor in Calumet County around 7:25 pm CST. The tornado smashed a shed roof and damaged two homes near Lake Shore Drive. The tornado turned east southeast damaging two garages and a barn on Military Road and then Hickory Hill Road where the roof of a mobile home was destroyed. The tornado was 100 yards wide and travelled 2 miles before dissipating.

Event 78: June 26, 1984

The F/EF-1 tornado touched 13 miles north of Wausau in Marathon County around 4:55 pm CST. The tornado was 100 yards wide and skipped eastward for 8 miles before dissipating in the town of Texas. The tornado damaged four homes and three farm buildings. It also destroyed a few sheds and uprooted trees.

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Event 79: June 26, 1984

The F/EF-1 tornado touched down on the west side of Caroline in Shawano County around 7 pm CST. The tornado was 50 yards wide and travelled 4 miles before dissipating east of Caroline. On the west side of Caroline, the tornado flattened sheds and knocking over several large trees and gravestones in a cemetery. A church roof was ripped off on the east side of Caroline. The entire town was without power for three hours.

Event 80: July 24, 1986

The F/EF-1 tornado briefly touched down around 2:15 pm CST on South Shore Drive near Little St. Germain Lake near St. Germain in Vilas County. The tornado was 50 yards wide and travelled a quarter of a mile. Five buildings, some garages, some boats and docks were damaged. A dozen trees were snapped off at the base.

Event 81: July 2, 1987

A brief tornado touched down just east of Pike Lake in Marathon County around 5:10 pm CST. The F/EF-1 tornado was 75 yards wide and travelled two tenths of a mile before dissipating around 5:15 pm CST. Numerous trees were twisted and knocked down causing damage to seven homes, a boat trailer and one boat foundation.

Event 82: July 12, 1987

The F/EF-1 tornado touched down one mile south of Francis Creek in Manitowoc County around 11:27 am CST. The tornado was 75 yards wide and travelled two tenths of a mile before dissipating around 11:30 am CST. One house and a garage were destroyed. A barn, shed and several trees were also damaged. Debris from the house was found as far as several miles away.

Event 83: August 14, 1987

Considerable damage from the F/EF-1 tornado occurred one mile west of Menasha in Winnebago County between 5:40 and 5:43 pm CST. The tornado was 100 yards wide and travelled a quarter of a mile. Most of the damage occurred at a warehouse where siding and a roof were twisted and ripped away. Two 100 square foot cement slabs were also torn from the building. Trees and power lines were downed as well.

Event 84: May 8, 1988

In Waushara County, the F/EF-1 tornado travelled 5 miles from one mile south of Mount Morris to 3 miles northeast of Wild Rose between 5:06 and 5:12 pm CST. The tornado was 100 yards wide. Damage to structures and trees were reported along Silver Lake.

Event 85: July 29, 1988

The brief tornado touched down in the Eagle River in Vilas County around 8:30 pm CST. The tornado was 50 yards wide and only travelled a tenth of a mile. The F/EF-1 tornado damaged the Northland Pines High School in Eagle River. Winds accompanying the storm downed signs and trees in the Eagle River area.

Event 86: August 1, 1988

The F/EF-1 tornado touched one mile west of St. Germain in Vilas County around 6:52 pm CST. The tornado was 50 yards wide and travelled one mile. The tornado caused falling trees to damage cars and buildings one mile west of St. Germain. Another tornado (F/EF-0) was reported at 7:22 pm CST two miles southeast of Eagle River.

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Event 87: August 4, 1988

The F/EF-1 tornado developed one mile east of Reedsville in Manitowoc County around 2:35 pm CST. The tornado was 25 yards wide and travelled 4 miles before dissipating two miles north of Cato around 2:45 pm CST. Two barns, one shed and several trees were damaged by the tornado.

Event 88: May 24, 1989

The F/EF-1 tornado touched down 3 miles south of Oshkosh in Winnebago County between 8:10 and 8:15 pm CST. The tornado was 50 yards wide and travelled 1.2 miles before dissipating.

Event 89: May 24, 1989

The F/EF-1 tornado touched down 4 miles west northwest of Chilton in Calumet County around 9:05 pm CST. The tornado was 50 yards wide and was on the ground for a quarter of a mile.

Event 90: June 12, 1990

The F/EF-1 tornado hit a farm 2 miles west of Stratford in Marathon County around 6:35 pm CST. The tornado was 25 yards wide and was only on the ground for a tenth of a mile. According to newspaper reports, there was damage to some farm structures.

Event 91: June 14, 1991

The tornado touched down 8 miles west northwest of Merrill in Lincoln County around 11:55 am CST. The F/EF-1 tornado was 50 yards wide and was on the ground for a mile. The tornado destroyed several trees, a barn and damaged a roof and porch of a house.

Event 92: April 20, 1992:

The F/EF-1 tornado formed 2 miles southwest of Arpin in Wood County around 4 pm CST. The tornado was 25 yards wide and travelled 9.5 miles before dissipating a half mile south of Bethel or near Bakerville around 4:20 pm CST. Damage included: a shed was knocked down near Arpin, a mobile home was picked up and twisted around near Bethel and some roof damage was reported at Bakerville.

Event 93: May 16, 1992

The F/EF-1 tornado touched down 5 miles north of Junction City in Portage County around 2:30 pm CST. The tornado was 400 yards wide and travelled 1.3 miles before dissipating. The tornado damaged three homes, two sheds, and a mobile home roof 5 miles north of Junction City.

Event 94: May 16: 1992

In Waupaca County, the F/EF-1 tornado touched down two and a half miles northeast of Northland around 6:30 pm CST. The tornado was 100 yards wide and was on the ground for a mile and a half. Many trees and three homes were damaged by the tornado.

Event 95: May 16: 1992

The F/EF-1 tornado formed near Lamers and Clancy Roads near Kaukauna in Outagamie County around 7:20 pm CST. The tornado was 100 yards wide and travelled several miles into extreme southwest Brown County where it dissipated 2 miles southwest of Wrightstown around 7:30 pm CST. Numerous trees were down, some of which landed on houses.

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Event 96: July 19, 1992

The F/EF-1 tornado formed 2 miles west southwest of Stratford in Marathon County around 3:54 pm CST. The tornado was 400 yards wide and was on the ground for only a quarter of a mile. The damage from the tornado included: a destroyed barn, two houses and one garage damaged while several trees were downed.

Event 97: October 8, 1992

The F/EF-1 tornado touched down in the Gilbert Lakes area about 5 miles northeast of Wild Rose in Waushara County around 4:48 pm CST. The tornado was 400 yards wide and was on the ground for a mile. Fifteen homes and buildings were damaged. 500 oak and pine trees were also damaged.

Event 98: October 8, 1992

The F/EF-1 tornado touched down about 4 miles northeast of Blaine in Portage County and moved through the township of Lanark around 5:12 pm CST. The tornado was 100 yards wide and was on the ground for 2 miles. Ten homes and buildings were damaged, a barn and garage destroyed and numerous trees were knocked down.

Event 99: April 26, 1994

The F/EF-1 tornado touched down a mile and a half north of Conover in Vilas County around 2:55 pm CST. The tornado was 150 yards wide and travelled four and a half miles before dissipating 3 miles southeast of Land O' Lakes around 3:05 pm CST. The tornado damaged a house just north of Conover and leveled hundreds of trees along its four and a half mile path into the Nicolet National Forest.

Event 100: July 8, 1994

The F/EF-1 tornado touched 3 miles northwest of Elderon in Marathon County around 2 pm CST. The tornado was 75 yards wide and only travelled two tenths of a mile. The tornado moved a garage off its foundation and wrecked a house roof and shed three miles northwest of Elderon.

Event 101: July 8, 1994

The F/EF-1 tornado formed three miles southeast of Aniwa in Shawano County around 2:16 pm CST. The tornado was 75 yards wide. The tornado only travelled two tenths of a mile. The tornado destroyed a garage and toppled trees three miles southeast of Aniwa.

Event 102: August 27, 1994

The F/EF-1 tornado formed in Hancock in Waushara County around 9:07 pm CST. The tornado was 75 yards wide and was on the ground for a mile and a half.

Event 103: August 27, 1994

The F/EF-1 tornado developed a mile and half south of Wausaukee in Marinette County around 9:41 pm CST. The tornado was 75 yards wide and was on the ground for 4 miles before dissipating three miles southeast of Wausaukee around 9:50 pm CST.

Event 104: July 14, 1995

The tornado touched down a mile and a half southwest of Phelps in Vilas County around 4:40 pm CST. The F/EF-1 tornado was 250 yards wide and travelled east for three and a half miles before dissipating just southeast of Phelps at 4:47 pm CST. Trees fell on cars, homes and businesses.

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Event 105: July 18, 1996

The F/EF-1 tornado touched down a mile and a half southwest of Tomahawk at 4:20 pm CST. The tornado uprooted two trees at Bradley Park, then moved southeast across Lake Mohawkskin, flipping two boats over. The tornado moved back on land and tore part of a roof off a tavern while a garage was removed from its foundation. It continued to move into the Road Lake area where it produced its most significant damage. Three cottages were damaged after trees fell on them. The tornado reached a maximum width of 100 yards before it dissipated nearly three miles southeast of Tomahawk around 4:30 pm CST.

Event 106: July 18, 1996

The F/EF-1 tornado touched down 1.1 miles south of Jericho in Calumet County around 6:05 pm CST. The tornado was 100 yards wide and was on the ground a mile and a half before it dissipated 1.6 miles southeast of Jericho at 6:07 pm CST.

Event 107: August 7, 1996

A brief F/EF-1 tornado touched down one mile north of Stratford in Marathon County around 1:46 am CST. The tornado was 100 yards wide and only travelled two tenths of a mile before dissipating 1.2 miles northeast of Stratford around 1:47 am CST. The tornado snapped off numerous large trees, some of which fell on the top of homes. In addition: a barn was flattened, a semi-trailer was flipped over and a car moved 75 feet.

Event 108: August 7, 1996

The F/EF-1 tornado touched down four tenths of a mile southwest of Shantytown in Manitowoc County around 2:19 am CST. The tornado was 100 yards wide and travelled nearly a half mile to Shantytown before dissipating around 2:21 am CST. The tornado tore a 100 yard swath through a cornfield. In Shantytown, the tornado tore the roof and garage off a home. Pieces of the roof were found one-quarter of a mile away from the home.

Event 109: July 16, 1997

The F/EF-1 tornado briefly touched down two miles northeast of Ringle in Marathon County around 3:09 pm CST. The tornado was 50 yards wide and only travelled two tenths of a mile before dissipating 1.8 miles northeast of Ringle around 3:11 pm CST.

Event 110: May 31, 1998

The tornado developed a half mile north of Stockbridge in Calumet County around 1:20 am CST. The F/EF-1 tornado was 75 yards wide and travelled 1.4 miles before dissipating 2 miles northeast of Stockbridge around 1:24 am CST. The tornado destroyed a garage and silo, damaged two barns and overturned farm vehicles. A 2-by-4 was driven through the exterior wall of a house, narrowly missing one of the sleeping children.

Event 111: May 1, 2001

The tornado (F/EF-1) developed four tenths of a mile north of Minocqua in Oneida County around 8:55 pm CST. The tornado moved about a quarter of a mile before lifting of the ground. The tornado touched down again 1.8 miles east northeast of Minocqua and stayed on the ground for over a mile before dissipating around 9 pm CST. The tornado was 125 yards wide and was on the ground for about a mile and a half. Many pine trees were snapped 15 to 30 feet above the ground. A five unit storage building was completely removed from its slab and a number of homes were damaged by fallen trees.

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Event 112: April 18, 2002

The F/EF-1 tornado formed 3 miles southeast of Stratford in Marathon County around 6:13 pm CST. The tornado was 100 yards wide and travelled 14 miles before dissipating 6 miles northwest of Mosinee around 6:27 pm CST. The tornado downed hundreds of trees, while numerous barns and farm sheds were destroyed by a combination of the tornado and straight line winds. Plows had to be used to clear trees from some of the roads.

Event 113: September 2, 2002

The F/EF-1 tornado developed 6 miles northwest of Wausau in Marathon County around 5:35 pm CST. The tornado was 200 yards wide and was on the ground for five miles before dissipating 4 miles northeast of Wausau around 5:43 pm CST. The tornado destroyed two barns, a garage and a shed. It also snapped hundreds of trees, heavily damaged 6 homes and caused minor damage to 25 others. At least two vehicles traveling on Highway 51 were blown off the road. A trailer being towed by one of the vehicles was blown over and a large road sign hit the vehicle. The driver was injured and transported to the hospital.

Event 114: September 30, 2002

The F/EF-1 tornado touched down in southeast Florence County, five and a half miles south southeast of Spread Eagle around 6:10 pm CST. The tornado was 400 yards wide and traveled seven tenths of a mile before dissipating five and a half miles southeast of Spread Eagle around 6:11 pm CST. The tornado destroyed a pole barn, a garage that was under construction and 6 to 10 outbuildings. 150 to 250 trees and power lines were downed, causing numerous power outages. The tornado tracked east-northeast across the Menominee River into upper Michigan where it continued to do damage.

Event 115: August 3, 2003

The F/EF-1 tornado touched down three tenths of a mile west of Potter in Calumet County around 1:59 pm CST. The tornado was 75 yards wide and was on the ground for nearly a half mile before dissipating two tenths of a mile east northeast of Potter around 2:03 pm CST. The tornado damaged several houses, outbuildings and trees around Potter.

Event 116: June 23, 2004

The F/EF-1 tornado touched down 3 miles west northwest of Almond around 6:46 pm CST. The tornado was 25 yards wide and was on the ground for a mile and a half before dissipating 3 miles north northeast of Almond around 6:48 pm CST. The tornado knocked down several trees and a fence, damaged the roof of a house and damaged some outbuildings.

Event 117: June 23, 2004

The F/EF-1 tornado touched down 3 miles southeast of Blaine in southeastern Portage County around 6:53 pm CST. The tornado was 100 yards wide and travelled two and a half miles to 5 miles southeast of Blaine at 6:56 pm CST. The tornado downed trees and overturned an irrigation system.

Event 118: June 23, 2004

The F/EF-1 tornado touched down in at least four locations from Little Chute to Kaukauna in Outagamie County between 8 pm and 8:08 pm CST. The tornado was 100 yards wide and travelled 3.5 miles before dissipating. The tornado toppled or twisted large trees, ripped parts of the roofs from residential and commercial buildings, destroyed storage sheds and an old barn. Semi trailers were overturned, some of them onto other vehicles.

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Event 119: July 13, 2004

The F/EF-1 tornado touched down 1.4 miles northwest of Clark Mills in Manitowoc County around 2:40 pm CST. The tornado was 500 yards wide and travelled just over four miles before dissipating 2.8 miles southeast of Clark Mills around 2:52 pm CST. The tornado caused extensive damage to two farms. The tornado destroyed two garages, two barns, two milking parlors and three silos. The tornado also destroyed 45 calf hutches and about 80 acres of alfalfa. The tornado snapped and uprooted trees and carried a calf about a half a mile away where it was found still alive.

Event 120: August 18, 2005

The F/EF-1 tornado developed 6 miles east northeast of Wrightstown in Brown County around 7:45 pm CST. The tornado was 100 yards wide and travelled one mile before dissipating 6.8 miles east northeast of Wrightstown at 7:49 pm CST. About 75 trees were downed or snapped and several structures along its path were destroyed. Two wooden garages were destroyed and debris scattered for several hundred feet. The walls of a house that were under construction were blown down. A part of a steel roof of a commercial building was damaged. A heavy wooden bench was picked up from the front porch and thrown several hundred feet away behind the house. The tornado was part of a record tornado outbreak in Wisconsin.

Event 121: August 18, 2005

The F/EF-1 tornado developed six and a half miles south southwest of Manitowoc in Manitowoc County at 8:35 pm CST. The tornado was 100 yards wide and travelled one and a half miles before dissipating 5.7 miles south of Manitowoc at 8:39 pm CST. The tornado damaged a farm, snapped or uprooted around 50 large trees while several hay wagons and trailers were overturned. A concrete silo was destroyed and another damaged. The roof of a barn sustained extensive damage. Part of the barn and silo were found in trees a third of a mile away. The tornado was part of a record tornado outbreak in Wisconsin.

Event 122: June 7, 2007

The F/EF-1 tornado developed a half mile west of Cedarville in Marinette County around 4:37 pm CST. The tornado was 200 yards wide and travelled three miles before it dissipated 2.5 miles east northeast of Cedarville around 4:40 pm CST. The tornado tore a significant portion of the roof from one home, snapped a few trees and uprooted numerous others. A manufactured home was moved off its foundation and down an embankment.

Event 123: June 7, 2007

The F/EF-1 tornado developed three and a half miles west of Harmony in Marinette County around 5:16 pm CST. The tornado was 200 yards wide and travelled 3.6 miles before dissipating 1.2 miles north of Harmony, or 2.9 miles south-southwest of Porterfield. One person was injured by flying debris as she sought refuge in their home. The tornado flattened a barn, tore a significant part of a sheet metal roof from an outbuilding, blew in a garage door and tore part of a roof deck over the garage from a home that was under construction.

Event 124: July 19, 2008

A brief F/EF-1 tornado touched down 3.8 miles west northwest of Menasha in Winnebago County around 10:44 pm CST. The tornado was 40 yards wide and travelled a half a mile before it dissipated 3.4 miles west northwest of Menasha at 10:45 pm CST. The tornado produced sporadic damage along a narrow path almost a half a mile long. An apartment complex sustained the heaviest damage. Four buildings were affected, two of which lost parts of their roofs.

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Event 125: May 4, 2010

The F/EF-1 tornado touched down 2.7 miles southeast of Zittau in Winnebago County around 6:10 pm CST. The tornado was 100 yards wide and travelled seven tenths of a mile before it dissipated 2.7 miles west of Winchester at 6:12 pm CST. The tornado snapped numerous pine trees in a wooded area and threw a gazebo into the side of a house. The tornado also destroyed a 100 year old barn.

Event 126: August 20, 2010

The F/EF-1 tornado touched down 2 miles southeast of Greenleaf in Brown County at 3:20 pm CST. The tornado travelled just over 1.25 miles and was 75 yards wide before dissipating 2.7 ESE of Greenleaf at 3:22 pm CST. When the tornado initially touched down, several trees were snapped and uprooted. The tornado then destroyed a relatively new barn constructed of metal wall panels and roof. Pieces of the roof and wall were strewn over 100 yards from the site. About 50 to 100 yards on either side of the damaged barn small outbuildings and trees were untouched. The tornado continued east-northeast to another farm and heavily damaged a metal building which contained hay bales. Large parts of the metal roof were thrown over 200 yards. Numerous trees along the patch were snapped or uprooted. Estimated maximum winds were 90 mph. The tornado dissipated just north of the Holland State Wildlife Area.

Event 127: April 10, 2011

The F/EF-1 tornado moved out of Adams County and entered Waushara County at 5:35 pm CST about 1.8 miles northwest of Coloma. The worst damage occurred just inside the Waushara County line. A mobile home roof was torn off and roof damage was noted to several homes. The average width of the tornado was about 80 yards.

Event 128: April 10, 2011

The F/EF-1 tornado formed about 5 miles south of Parrish around 5:50 pm CST and moved just east of north for a little over five miles. The tornado affected about 1600 acres of hardwood and softwood trees. It was estimated that over one million trees were snapped, uprooted or suffered serious damage. The loss to timber alone is estimated at over one million dollars. One cabin was destroyed by fallen trees. The tornado was seen by a storm chaser at 5:55 pm CST. The average width of the tornado was 250 yards.

Event 129: April 10, 2011

The F/EF-1 tornado developed at approximately 6:06 pm CST one mile southwest of Saxeville in Waushara County and moved east-northeast across east-central Wisconsin. Numerous pine trees were snapped or uprooted near the initial point of contact. As the tornado moved into West Bloomfield, several farm buildings were heavily damaged, including a barn that collapsed. The tornado had an average width of 100 yards, but it was not on the ground continuously. The tornado entered Waupaca County at 6:20 pm CST southwest of Fremont. Several farm buildings were impacted by the tornado in addition to many trees. Near Readfield, a barn was lifted and rolled off its foundation. A poorly anchored house roof, which overhung the house walls was completely removed with the debris strewn nearly a quarter of a mile to the northeast. The average width of the tornado was 100 yards. The tornado moved into Outagamie County at 6:32 pm CST. The tornado, which was not on the ground the entire time, damaged a couple of farm buildings just south of Hortonville before it dissipated. One of the buildings lost part of its roof. The average width was 100 yards.

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GREEN BAY FORECAST AREA TORNADOES

Event 130: April 10, 2011

The F/EF-1 tornado developed 0.3 miles northwest of Poy Sippi, then moved east-northeast over the north shore of Lake Poygan. The tornado then entered Winnebago County at 7:04 pm CST. In Waushara County, the tornado damaged a house and destroyed a barn in the Poy Sippi area. Another barn was flattened near the north shore of Lake Poygan. Many pine trees were uprooted or snapped along the path of the storm. The average path width in Waushara County was 100 yards. In Winnebago County, the tornado moved along the north shore of Lake Poygan, causing most of the damage near Boom Bay on the northeast shore of Lake Poygan. Two homes were heavily damaged as portions of their roofs were partially ripped off. Several other houses sustained lesser damage in this area. In addition, two small mobile homes were rolled on their side and many trees were uprooted or snapped. The tornado dissipated about 2 miles west of Winchester, although damage occurred east and southeast of this location from straight-line thunderstorm winds. The average path width in Winnebago County was 100 yards.

Event 131: April 10, 2011

The F/EF-1 tornado (2nd tornado on this day) formed in Forest County about four miles west of Armstrong Creek at 7:03 pm CST. The tornado snapped and uprooted trees and damaged two houses. One of the houses sustained significant roof damage as the tornado moved across the area. The average width of the tornado was 125 yards.

Event 132: April 10, 2011

A brief F/EF-1 tornado touched down about a mile and a half south of Greenleaf. The tornado damaged the tops of two silos and then ripped the roof off a barn. Average width of the tornado was 75 yards.

Event 133: April 10, 2011

A brief F/EF-1 tornado moved off Lake Winnebago and onshore south of Stockbridge just before 8 pm CST. The waterspout was seen as it moved onshore, damaging two homes. A three season room on one of the houses was ripped off the structure. The tornado moved northeast and tore a section off the roof of a large outbuilding. The tops of trees were snapped in two areas along the path of the tornado. The average width of the tornado was 75 yards.

Event 134: May 22, 2011

The F/EF-1 tornado moved out of Juneau County at 5:03 pm CST and moved across southern Wood County. The storm hit a campground on the east shore of the Wisconsin River about three miles south of Nekoosa. Over 100 pine trees were snapped and uprooted on the campground, some two feet in diameter. Several camper vehicles were damaged by fallen trees. The tornado was seen by campground visitors just before 5:15 pm CST. The tornado continued east-northeast and snapped or uprooted hundreds of additional trees south of Wisconsin Rapids. The storm damaged at least six homes and several other buildings about six miles south-southeast of Wisconsin Rapids. One of the houses lost the entire roof of a garage. A woman was in the garage at the time. She sustained injuries when the garage fell on the truck that she was taking shelter in. This area experienced a high-end F/EF-1 damage with winds at least 95 to 105 mph. The tornado entered Portage County around 5:20 pm CST. The tornado moved across mainly farmland. The twister continued to snap trees and overturn agricultural irrigation systems. About six miles south of Plover, a nearly half-mile long row of power poles were bent over. The tornado crossed Interstate 39 at Coddington Road two miles west of Keene. The tornado grew to nearly 700 yards wide as it passed just north of Keene and heavily damaged a farmstead. A silo was damaged and a barn was flattened. Several outbuildings were also damaged or destroyed. Along the path, at least two dozen irrigation systems were overturned and damaged resulting in over one million dollars in losses. Many hundreds of trees were snapped or uprooted. This area experienced high end F/EF-1 damage with winds of 100 to 110 mph. The tornado dissipated about 9 miles southeast of Plover at 5:46 pm CST. The average width was 300 yards in Portage County.

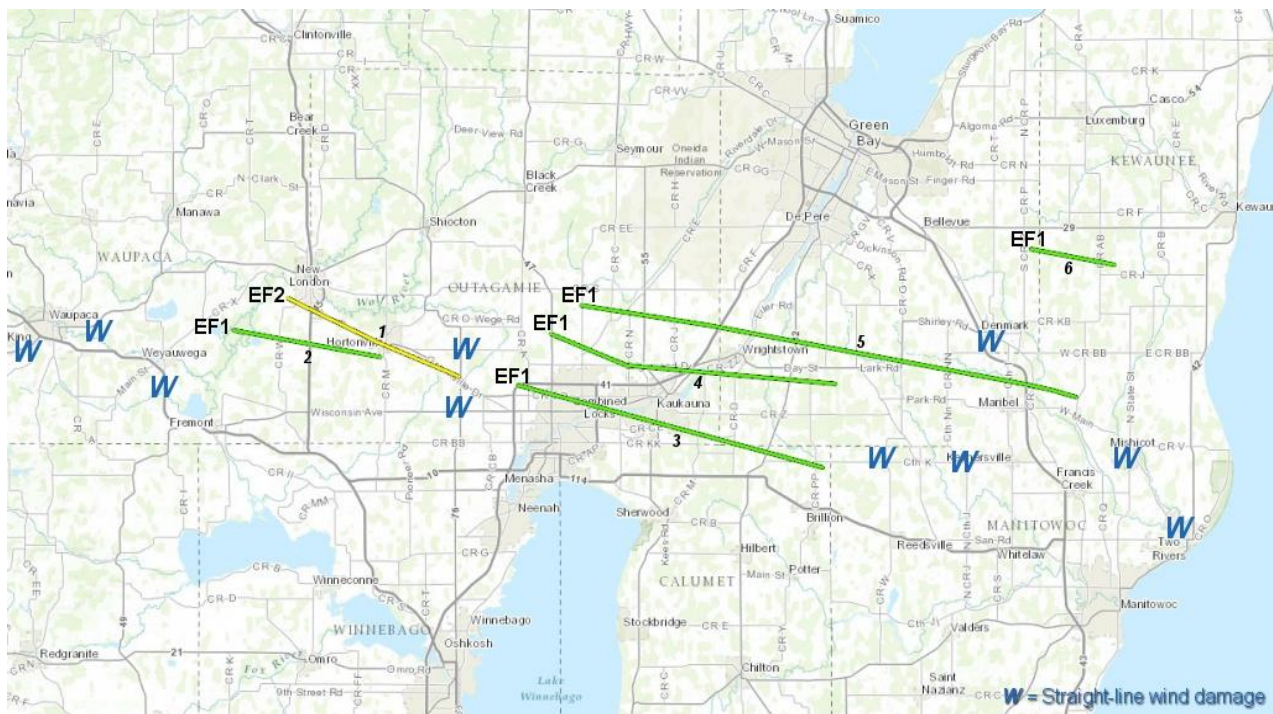
F/EF-1 TORNADO REFERENCE GUIDE)

GREEN BAY FORECAST AREA TORNADOES

Event 135: August 19, 2011

The F/EF-1 tornado quickly developed northwest of the city of Wausaukee during the late afternoon and moved southeast for nearly eight miles before dissipating. The twister touched down near Long Lake, snapping or uprooting hundreds of trees as it moved towards Wausaukee. A mobile home near Long Lake was heavily damaged by fallen trees, but the occupants escaped without injury. As the tornado moved into Wausaukee, it leveled another mobile home killing a 46 year old male. Two additional buildings on the property sustained damage including a house that lost part of its roof. Two semi-trailers on the property were blown over. The tornado continued southeast, damaging a baseball field and hundreds of additional trees on the east side of Wausaukee. The tornado reached the Menominee River and briefly crossed into Upper Michigan before moving back into Wisconsin and dissipating near Highway 180. One tree fell on a home near Deer Lane Road.

Rare Late Evening / Early Morning Tornadoes on August 6-7, 2013



Event 136: August 6, 2013

The first of six late night tornadoes to strike Northeast Wisconsin on this date, The (F/EF-1) tornado touched down four miles north northeast of Partridge Lake in Waupaca County at 11:22 pm CST. The tornado was travelling at a rate of 60 to 70 mph. The tornado hit a campground, blowing several camper trailers over. Two people sustained minor injuries at the campground. Over one hundred trees were snapped or uprooted along the path in Waupaca County. The tornado moved into Outagamie County about 3.1 miles south of New London at 11:26 am CST. The tornado damaged or uprooted trees as it moved across Outagamie County. Based on radar analysis, the circulation of this tornado may have merged with the other tornado that was occurring concurrently in the county near Hortonville. The tornado travelled 9.8 miles before dissipating eight tenths of a mile west southwest of Hortonville at 11:30 pm CST. The maximum width of the tornado in Outagamie and Waupaca Counties was 125 yards, with an average width of 75 yards in both counties.

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GREEN BAY FORECAST AREA TORNADOES

Event 137: August 6, 2013

The third of six late night tornadoes to strike Northeast Wisconsin on this date, the (F/EF-1) tornado touched down four tenths of a mile west of Mackville in Outagamie County at 11:38 pm CST. The tornado was travelling at a rate of 60 to 70 mph. The tornado caused a barn to collapse, and heavily damaged a boat showroom in Little Chute. Another barn lost part of its roof northwest of Kaukauna. Damage to trees was sporadic as it moved through Outagamie County. The maximum width of the tornado in Outagamie County 175 yards, with an average width of one hundred yards. The tornado moved into southern Brown County, about two miles southwest of Wrightstown around 11:48 pm CST. In Brown County, the tornado uprooted or snapped dozens of trees as it moved east, just south of Greenleaf. A house lost an attached garage when winds blew in the garage door and caused a large portion of the garage roof to lift off. The walls of a nearby building collapsed. The maximum width of the tornado in Brown County was 175 yards and average width was 125 yards. The tornado travelled 19.2 miles before dissipating 2.7 miles west of Morrison at 23:53 pm CST.

Event 138: August 6, 2013

The fourth of six late night tornadoes to strike Northeast Wisconsin on this date, the (F/EF-1) tornado touched down three and a half miles east of Greenville in Outagamie County at 11:38 pm CST. The tornado was travelling at a rate of 60 to 70 mph as it moved across northern portions of Appleton, Kimberly and Kaukauna. The tornado caused some roof damage to the Northland Mall and caused roof and window damage to two small retail buildings. The storm then knocked over four wood electrical poles and uprooted or heavily damaged hundreds of trees in a nearby neighborhood. Although houses in the area sustained relatively minor wind directly, fallen trees caused considerable collateral damage to roofs, siding and vehicles. The maximum width of the tornado in Outagamie County was 150 yards, with an average width of 125 yards. The tornado (EF-1) entered Brown County a little over a mile west of Holland around 11:49 pm CST. A few trees were knocked over by the tornado. The average path width in Brown County was 150 yards. The tornado (EF-1) moved into Calumet County 1.6 miles northwest of Forest Junction around 11:50 pm CST. In Calumet County, the tornado damaged about three dozen trees. Two metal truss towers collapsed under the weight of several high voltage power lines which were likely moving in unison as their resonance frequency was reached. Engineers inspected the damaged estimated winds around 100 mph. The maximum width in Calumet County was 175 yards with an average width of 125 yards. The tornado travelled 20.7 miles before dissipating a little over two and a half miles north northeast of Brillion around 11:52 pm CST.

Event 139: August 6, 2013

The fifth of six late night tornadoes to strike Northeast Wisconsin on this date, the (F/EF-1) tornado touched down 2.7 miles east northeast of Mackville in Outagamie County at 11:40 pm CST. The tornado was travelling at a rate of 60 to 70 mph as it moved across the Fox Valley. The tornado caused significant damage to several outbuildings and barns and flattened sections of mature corn fields. The roof of a power substation was damaged. The maximum path width was 200 yards, with an average width of 150 yards. The tornado now an EF-0 moved into Brown County just under two miles northwest of Wrightstown near Highway 41 around 11:48 pm CST. The tornado first hit the Apple Creek Campground, snapping fifty trees and knocking over two camping trailers. As the tornado moved across southern Brown County, at least seventy homes sustained at least minor damage, many from fallen trees. A large free standing garage was heavily damaged when the tornadic winds blew in two garage doors, causing the roof to be ripped off. The maximum width of the tornado in Brown County was 250 yards, with an average width of 175 yards. The tornado moved into Manitowoc County 4.1 miles northwest of Rosencrans around 12:01 am CST. The tornado strengthened to an EF-1 in Manitowoc County. The tornado damaged several outbuildings and a roof of a barn. A 110 year old stone structure at the Maribel Caves County Park was knocked over by the strong winds. The damage survey revealed the tornado ended a couple miles east of Maribel, but straight-line wind damaged continued into the east part of the county. The tornado in Manitowoc County has a maximum width of 250 yards and average width of 125 yards. The tornado travelled thirty-three miles across three counties before dissipating.

F/EF-1 TORNADO REFERENCE GUIDE)

GREEN BAY FORECAST AREA TORNADOES

Event 140: August 7, 2013

The last tornado of the night to strike Northeast Wisconsin on this date, the (F/EF-1) tornado touched down a half mile south southeast of Henrysville in Brown County around 12:05 CST. The tornado was travelling at a rate of 60 to 70 mph as it moved across the region. A couple dozen trees were damaged or uprooted. In Brown County, the maximum width of the tornado was one hundred yards with an average width of seventy-five yards. The tornado (EF-1) moved into Kewaunee County about three miles southwest of Pilsen around 12:06 am CST. The tornado caused the walls and roof of a barn to collapse and damaged two silos. The tornado also uprooted several dozen trees along its path. In Kewaunee County, the maximum width of the tornado was 100 yards with an average width of seventy-five yards. The tornado travelled 5.6 miles before dissipating one mile northeast of Stangelville around 12:10 am CST.

Event 141: July 6, 2015

An F/EF-0 tornado touched down at 2:31 pm CST 3.4 miles west of Marion (see map next page) in Waupaca County. The tornado travelled three quarters of a mile and had a maximum width of 75 yards wide before dissipating 2.7 miles west of Marion at 2:40 pm CST. The tornado heavily damaged a barn and adjacent garage. The roof of a nearby house was damaged and winds of another home were broken. At least two dozen trees were uprooted or snapped. The average path width was 50 yards.

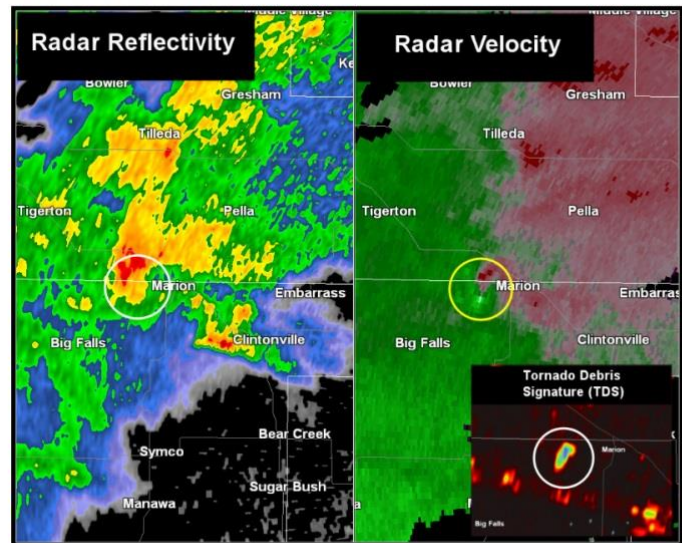
This was one of three tornadoes that touched down in northeast Wisconsin on this date. What was unusual about this event was there was no thunder noted with the tornadoes (very rare!). The radar image shows in the intense rotation west of Marion.



Preliminary Tornado Map (above). Red triangles denote approximate location of brief tornado touchdowns. Inset above denotes the location of the EF1 tornado west of Marion, Wisconsin.

Tornado	Begin	End	Path
Marion EF1	4:38 PM, 3 W Marion	4:40 PM, 2.6 W Marion	Length: 0.4 mi Width: 75 yards
Pella EF0	5:03 PM, 2 E Pella	5:03 PM, 2 E Pella	Length: 0.1 mi Width: 25 yards
Gillett EF1	5:56 PM, 2 E Gillett	6:03 PM, 3 ENE Gillett	Length: 2.2 mi Width: 50 yards

The first tornado developed just ahead of the main line of showers over northern Waupaca County. This storm quickly attained supercell characteristics and generated a brief EF1 tornado about three miles west of Marion in extreme northern Waupaca County (see map insert above and radar images below).



Radar reflectivity (above Left) and radar velocity (above right) around time of the EF1 tornado west of Marion. Inset in the above image is the dual polarization correlation coefficient (CC) product denoting the location of debris produced by the tornado.

F/EF-1 TORNADO REFERENCE GUIDE)

GREEN BAY FORECAST AREA TORNADOES

Event 141: July 6, 2015 continued

Here are some damage photos from the Marion tornado:



